

# HPLC Application

ID No.: 26207

## USP Sildenafil Citrate Tablet Assay - Sample Solution 0.02 mg/mL on Kinetex 5 µm C18 150x4.6mm LC/UV

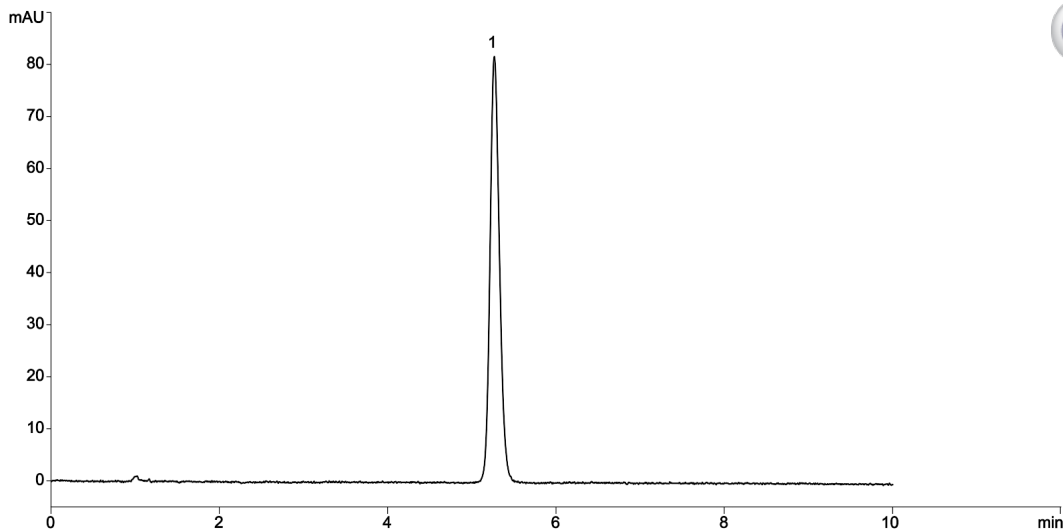
**Column:** Kinetex® 5µm C18 100 Å, LC Column 150 x 4.6 mm, Ea  
**Dimensions:** 150 x 4.6 mm ID  
**Order No:** 00F-4601-E0  
**Elution Type:** Isocratic  
**Eluent A:** Buffer (dilute 7 mL of triethylamine with water to 1 L. Stir and adjust with  
**Gradient**  

| Step No. | Time (min) | Pct A |
|----------|------------|-------|
| 1        | 20         | 100   |

  
**Profile:**  
**Flow Rate:** 1.4 mL/min  
**Col. Temp.:** 30 °C  
**Detection:** LC/UV (DAD, PDA) @ 290.000000000 nm (nanometers) (30 °C)  
**Analyst Note:** 0.02 mg/mL



Products used in this application:



### ANALYTES:

- 1 Sildenafil citrate  
Retention Time: 5.268 min